

Cooper Industries  
Cooper-Bessemer  
Reciprocating Products Division  
150 Lincoln Avenue  
Grove City, PA 16127-1898  
412 458-8000

132429

November 13, 1995

**COOPER**

**Cooper Energy Services**

**CERTIFIED MAIL - RETURN RECEIPT REQUESTED**

Mr. Robert E. Huston  
Air Pollution Control Engineer  
Pennsylvania Department of Environmental Protection  
230 Chestnut Street  
Meadville, Pa 16335

Subject: Cooper-Bessemer Reciprocating  
Grove City (Mercer County), PA  
Request for Determination  
Osborne Construction Site

Dear Mr. Huston:

As a follow-up to our recent conversations, we are forwarding to you a Request for Determination, in triplicate, for an air stripper which is proposed for the subject site.


As you recall, this is a Superfund site under the management of Region III of the EPA. Mr. Robert Kimball, of PADEP's Meadville Office, is the Pennsylvania environmental representative. Because of the regulatory complexity of the project, Cooper wishes to assure that the requirements of all agencies are met. Therefore, we are submitting this Request for Determination relative to a potential exemption from any air quality permits for the air stripper discharge.

The vapor side of the air stripper contains some volatile organic compounds (VOC's), the primary concern being vinyl chloride. Because of the low levels of total emissions and the difficulty in eliminating vinyl chloride from the discharge stream, Cooper hereby requests that the Department grant an exemption to the requirement of having emission controls on the outlet of the air stripper.

If you should have any questions, please do not hesitate to contact me.

Sincerely,

**COOPER CAMERON CORPORATION**



Richard J. Weinzierl, Manager  
Facilities & Environmental Engineering

cc: B. R. Sedelmyer  
J. C. Woodcock, CEC

airper01.RJW:m

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF AIR QUALITY CONTROL

**Request for Determination of Requirement  
for Plan Approval/Operating Permit Application  
(Submit In Triplicate)**

Type of Source: Air Stripper

Date of Installation: May, 1996

Owner of Source: Cooper-Bessemer Reciprocating

Employer I.D. No.: 76-0451843

Mailing Address: 150 Lincoln Avenue, Grove City, PA 16127

Contact Person: Richard J. Weinzierl

Telephone: (412) 458-3464

Location of Source(s):

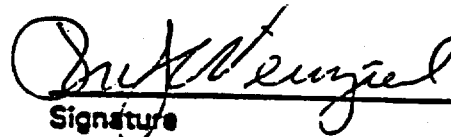
Street Address: 53 Diamond Road

Municipality: Pine Township

Estimated Emissions:

County: Mercer

Pollutant	VOC's			
Quantity lbs/hr	0.000395			
Quantity lbs/yr	3.46			

  
Signature

Manager, Facilities & Environmental  
Title Engineering

11/9/95

Date

**OFFICIAL USE ONLY**

Date Received: \_\_\_\_\_

Reviewed By: \_\_\_\_\_

Pursuant to the authority contained in 25 PA Code §127.14(8) the source(s) is exempted from the plan approval and permitting requirements. This determination does not exempt the source(s) from compliance with all other applicable air quality regulations.

The source(s) does not qualify for exemption from plan approval and permitting requirements under PA Code §127.14(8) and plan approval application(s) must be submitted. The Department is prohibited from acting on an application until 30 days after the municipality and county have received notification by the company. Penalties for non-compliance are attached.

Signature \_\_\_\_\_

Signature \_\_\_\_\_

Title \_\_\_\_\_

Date \_\_\_\_\_

Date \_\_\_\_\_

AR308653

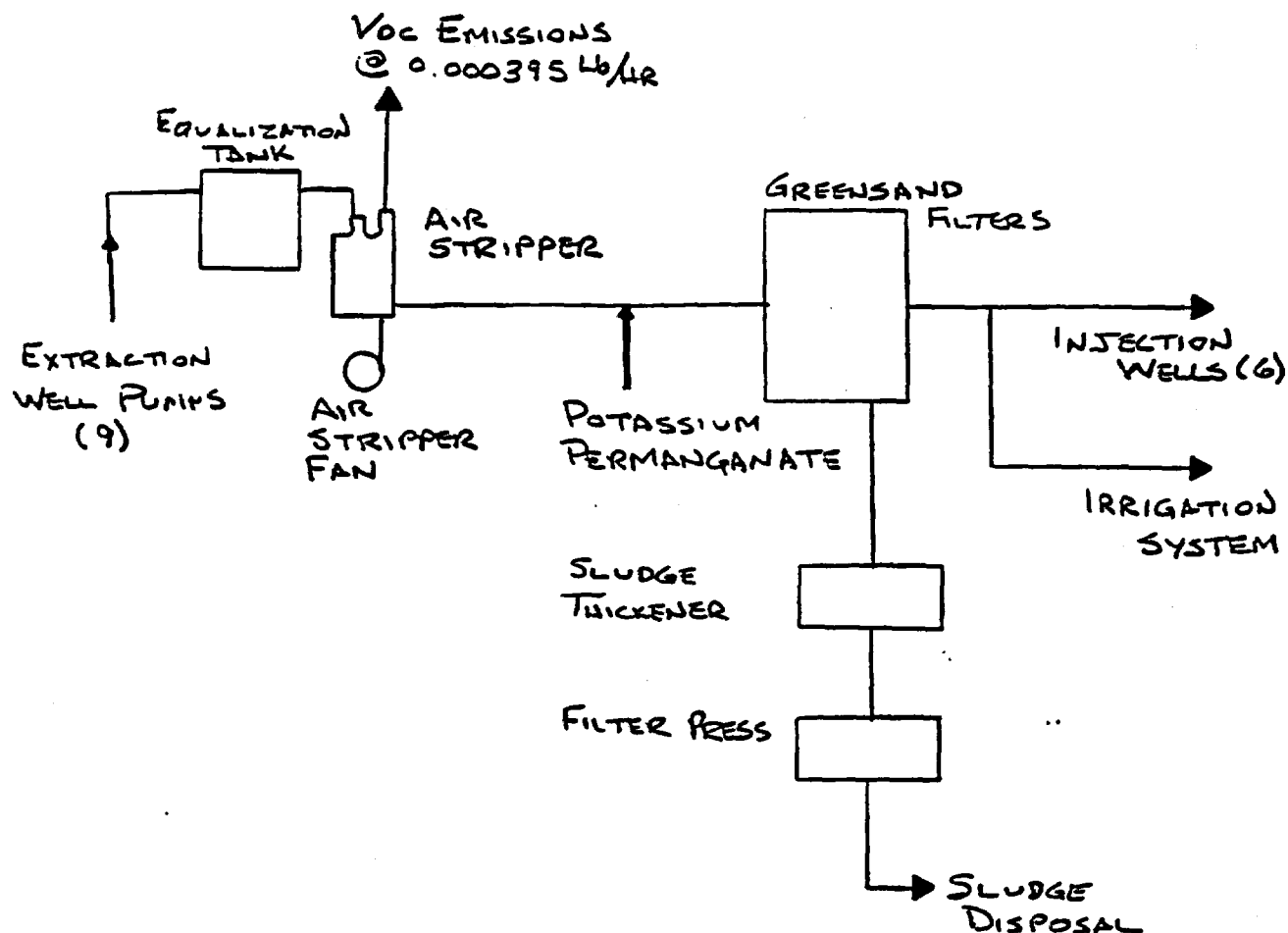
(Over)

(Include: process description, exhaust volume, stack data, schematic flow diagram, material data safety sheet, etc.

This emission is the result of remediation of a Superfund Project. The proposed sequence of operation is shown in the sketch below.

Based on a treatability study at the site, the expected emissions are Volatile Organic Compounds (VOC's) which includes vinyl chloride.

Proposed flow conditions: Water influent - 100 GPM  
VOC concentration - 475 ug/l (water)  
Air stripper fan capacity - 900 CFM  
VOC discharge - 0.000395 lb/hr (vapor)



OFFICIAL USE ONLY

Remarks:

AR308654

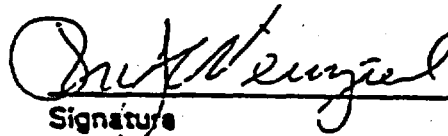
COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF AIR QUALITY CONTROL

RECEIVED

Request for Determination of Requirement ENVIRONMENTAL RESOURCES  
BUREAU OF AIR QUALITY CONTROL  
for Plan Approval/Operating Permit Application  
(Submit in Triplicate)

Type of Source: Air Stripper Date of Installation: May, 1996  
Owner of Source: Cooper-Bessemer Reciprocating Employer I.D. No.: 76-0451843  
Mailing Address: 150 Lincoln Avenue, Grove City, PA 16127  
Contact Person: Richard J. Weinzierl Telephone: (412) 458-3464  
Location of Source(s):  
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Estimated Emissions: County: Mercer

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Signature

Manager, Facilities & Environmental  
Title Engineering

11/9/95

Date


OFFICIAL USE ONLY



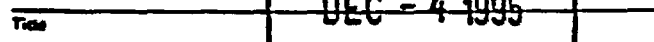
Date Received: Nov. 15, 1995

Reviewed By: Bob Huston

Pursuant to the authority contained in 25 PA Code §127.14(8) the source(s) is exempted from the plan approval and permitting requirements. This determination does not exempt the source(s) from compliance with all other applicable air quality regulations.

The source(s) does not qualify for exemption from plan approval and permitting requirements under PA Code §127.14(8) and plan approval application(s) must be submitted. The Department is prohibited from acting on an application until 30 days after the municipality and county have received notification by the company. Pertinent forms are attached.

  
Signature  
Chief, Permit Section  
11-27-95  
Date

  
Signature  
  
Title  
  
Title

RECEIVED  
DEC - 4 1995

AR308655

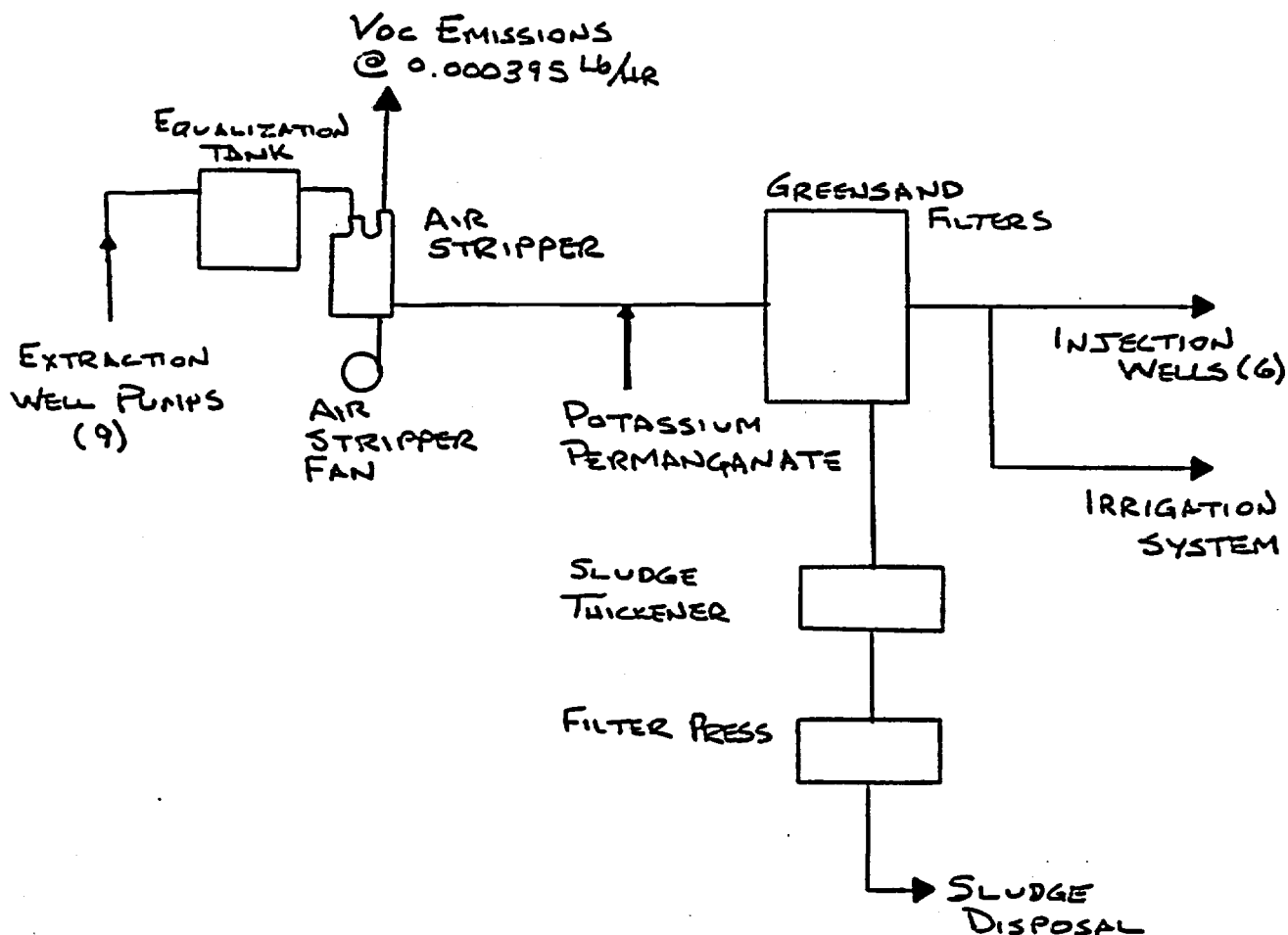
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Remarks:

AR308656